HEWLETT-PACKARD COMPANY Intellectual Property Administration P. O. Box 272400

Cost Collins, Colorado 80527-2400

ATTORNEY DOCKET NO.

PATENT APPLICATION 1001685

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

entor(s):

Erik E. Erlandson, et al.

Confirmation No.: 7028

Application No.: 10/032,109

Examiner:

Filing Date:

12/20/01

Group Art Unit:

Title:

Memory Having Increased Data-Transfer Speed and Related Systems and Methods

Commissioner for Patents

Alexandria, VA 22313-1450

PO Box 1450

INFORMATION DISCLOSURE STATEMENT

MAR 2 6 2004

Technology Center 2100

Sir:

This Information Disclosure Statement is submitted:

(x) under 37 CFR 1.97(b), or (Within three months of filing national application; or date of entry of national application; or before mailing date of first office action on the merits; whichever occurs last)

() under 37 CFR 1.97 (c) together with either a:

() Statement under 37 CFR 1.97(e), or

() a \$180.00 fee under 37 CFR 1.17(p), or

(After the CFR 1.97 (b) time period, but before final action or notice of allowance, whichever occurs first)

() under 37 CFR 1.97 (d) together with a:

() Statement under 37 CFR 1.97(e)(1) or (2), and

() a \$180.00 fee set forth in 37 CFR 1.17(p).

(Filed after final action, a notice of allowance, on or before payment of the issue fee)

Please charge to Deposit Account 08-2025 the sum of \$0.00 . At any time during the pendency of this application, please charge any fees required or credit any overpayment to Deposit Account 08-2025 pursuant to 37 CFR 1.25.

Applicant(s) submit herewith Form PTO 1449 - Information Disclosure Statement together with any required copies of patents, publications or other information of which applicant(s) are aware, which applicant(s) believe(s) may be material to the examination of this application and for which there may be a duty to disclose in accordance with 37 CFR 1.56.

() A concise explanation of the relevance of foreign language patents, foreign language publications and other foreign language information listed on PTO Form 1449, as presently understood by the individuals(s) designated in 37 CFR 1.56 (c) most knowledgeable about the content is given on the attached sheet, or where a foreign language patent is cited in a search report or other action by a foreign patent office in a counterpart foreign application, an English language version of the search report or action which indicates the degree of relevance found by the foreign office is listed on form PTO 1449 and is enclosed herewith.

It is requested that the information disclosed herein be made of record in this application.

on

(X) I hereby certify that this correspondence is being deposited with the United States Postal Service as first class mail in an envelope addressed to: Commissioner for Patents, Alexandria, VA 22313-1450. Date of Deposit: 03/22/04

OR

() I hereby certify that this paper is being transmitted to the Patent and Trademark Office

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d Name:**Фonna ∡immerma**r

Respectfully submitted.

E Erlandson, et al.

P.G. Scott Born

Attorney/Agent for Applicant(s)

Reg. No. 40,523

Date: March 22, 2004

Telephone No.: 425.455.5575

Rev 10/03 (IDSCERT)

PATENT APPLICATION

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) DM	PTO-1449			ATTY. DOCKET NO.	APPLICATION NO.	CONFIRMATION	NO
/ 0	FORM PTO-1449					10016854-1	10/032,109	7028	
	UST OF PATENTS AND PUBLICATIONS FOR APPLICANT'S INFORMATION DISCLOSURE				APPLICANT				
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	(Use several sheets if n					FILING DATE	GROUP		
(P)	(Use several sheets if necessary)					Dec. 20, 2001			
TAD	REFERENCE DESIGNATION U.S. PATEN				NT DOCUMENTS				
	EXAMINER INITIAL		DOCUMENT NUMBER	PUBLICATION DATE		NAME	Pages, Columns Relevant Passages		
		1A	5.570.320	10/29/96	Rui	nas			

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	1A	5,570,320	10/29/96	Runas	
	1B	5,966,724	10/12/99	Ryan	
	1C	6,108,243	08/22/00	Suzuki et al	
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	1E				MAR 2 6 2004
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	1G				Technology Center 2100
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	1J				
	1K				

FOREIGN PATENT DOCUMENTS

	DOCUMENT NUMBER	PUBLICATION DATE	NAME OF PATENTEE OR APPLICANT	Pages/Columns/Lines Where Relevant Passages/Figures Appear	Check if Translation attached
1L					
1M					
1N			,		
10			-		
1P					

OTHER REFERENCES (including Author, Title, Date, Pertinent Pages, etc.)

	1Q	European Search Report dated December 12, 2003
	1R	
	18	
EXAMINE	₹	DATE CONSIDERED

Rev 10/03 (PTO1449)

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POCKET NO.: 10016854-1 (1964-3-1)

PATENT

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In Re Application of:

Serial No.: 10/032,109

Confirmation No.: 7028

RECEIVED

Erik E. Erlandson, et al

Group Art Unit:

MAR 2 6 2004

Filing Date: December 20, 2001

Examiner:

Technology Center 2100

Title: Memory Having Increased Data-Transfer Speed and Related Systems and

Methods

CERTIFICATE OF MAILING OR TRANSMISSION

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